



Evaluation of NoidTech's DripCrimp Technology

THE PROBLEM NoidTech, a local irrigation technology firm, wanted to evaluate potential water consumption reductions from their technology, a copper crimp that increases the fidelity of drip irrigation emitters.

THE PARTNERS NoidTech

THE SERVICE Evaluation and testing of NoidTech's DripCrimp technology

THE SOLUTION Three groups of ASU undergraduate engineers, which were parts of the Engineering Projects in Community Service (EPICS) program, conducted shear strength tests, water pressure tests, and an economic evaluation of the DripCrimp prototype technology and how it increases the shear strength of drip irrigation emitters and the range of water pressures under which drip irrigation systems can operate, allowing emitters to withstand more stress before failures.

THE OUTLOOK NoidTech has created DripCrimp, LLC to market and sell the Drip Crimp technology after running a Kickstarter campaign to raise startup funds. DripCrimp, LLC now currently sells a range of DripCrimp products.

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